Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method of testing performance of a mobile station, comprising:

virtually changing parameters of a mobile station required for a registration at a base station so that the mobile station excludes the base station registration and directly enters a test state ~~with~~ in an idle mode; and

testing a performance of the mobile station in the idle mode test state.

2.   (Original) The method of claim 1, wherein the mobile station can register with the base station subsequent to the testing without rebooting.

3.   (Original) The method of claim 1, wherein the mobile station comprises one of a plurality of mobile stations, wherein each of the plurality mobile stations is tested individually to determine an impedance mismatch between mobile stations.

4.   (Original) The method of claim 1, wherein the mobile station comprises a global positioning system (GPS), and wherein the parameters that are virtually changed relate to non-volatile (NV) memory items.

5.   (Original) The method of claim 1, wherein virtually changing parameters of the mobile station comprises modifying a memory address value of a mobile station by a diagnostic monitoring device prior to the mobile station registering itself with the base station.

6.   (Original) The method of claim 1, further comprising:

preventing a registration of a mobile station at a base station by changing mobile station parameters loaded referring to non-volatile items required for the registration; and

entering an idle-mode test state by the mobile station prior to testing the performance of the mobile station in the idle mode test state.

7.   (Currently Amended) A method of testing performance of mobile stations having global positioning system function, comprising:

preventing a registration of a plurality of mobile stations at a base station by changing mobile station parameters loaded in each said plurality of mobile stations referring to non-volatile items required for the respective base station registrations;

entering an idle mode test state by each of the plurality of mobile stations;

testing a performance of the plurality of mobile station at the idle mode test state;

and

if a test result in the idle mode test state is "fail," independently testing each

mobile station of the plurality of mobile stations.

8.   (Original) The method of claim 7, wherein the registration is prevented by

virtually changing parameters of the mobile station required for registration.

9.   (Original) The method of claim 7, wherein independently testing each mobile

station comprises an idle mode test and a pass/fail processing test, and wherein the independent

testing of each mobile station determines which of the plurality of mobile stations has an

impedance mismatch.

10.   (Original) A method of testing performance of mobile stations having a global

positioning system function, comprising:

turning off a power of a base station signal used to test a performance;

turning on signal paths from a divider to each of a plurality of mobile stations;

connecting each of the plurality of mobile stations to a diagnostic monitoring

device;

preventing a registration of the connected mobile stations with a base station by changing parameters loaded at each of the plurality of mobile stations referring to non-volatile items required for the respective registrations;

entering an idle mode test state by each of the plurality of mobile stations;

turning on the power of the base station signal; and

testing a performance of the mobile stations in the idle mode test state.

11.   (Original) The method of claim 10, wherein each of the plurality of mobile stations can register with the base station subsequent to the testing without rebooting.

12.   (Original) The method of claim 10, further comprising independently testing the performance of each mobile station if a test result in the idle mode test state is "fail."

13.   (Currently Amended) An apparatus ~~of~~ for testing a performance of a mobile station, comprising:

a diagnostic monitoring device configured to virtually change parameters of a mobile station required for a registration at a base station to prevent the mobile station from registering with the base station and cause the mobile station to directly enter an idle mode test state, and further configured to test the performance of the mobile station in the idle mode test state.

14.   (Original) The device of claim 13, wherein the diagnostic monitoring device prevents the necessity of a mobile station reboot in order for the mobile station to register with the base station subsequent to the test by not changing the non-volatile memory of the mobile station.

15.   (Original) The apparatus of claim 13, further comprising:

at least one generator to generate a global positioning system signal and a base station signal used to test the performance;

a combiner to output a combined signal of the global positioning system signal and the base station signal; and

a divider to receive and divide the combined signal into a plurality of divided signals for each of a plurality of mobile stations under control of the monitoring device.

16.   (Original) The apparatus of claim 15, wherein the diagnostic monitoring device is configured to independently test the performance of each mobile station by controlling the signal paths if a test result in the idle mode test state is "fail."

17.   (Currently Amended) An apparatus for testing a performance of a mobile station, comprising:

a diagnostic test circuit configured to prevent a registration of a plurality of mobile

stations at a base station by changing mobile station parameters loaded <u>in each said plurality of</u>

<u>mobile stations </u>referring to non-volatile items required for the registration, and further

configured to test a performance of the plurality of mobile stations in the idle mode test state.

18.   (Original) The device of claim 17, the diagnosis test circuit prevents each of the

plurality of mobile stations from requiring a reboot in order to register with the base station

subsequent to the test.

19.   (Original) The apparatus of claim 17, further comprising:

at least one generator configured to generate a global positioning system signal

and a base station signal used for testing the performance;

a combiner configured to output a combined signal of the global positioning

system signal and the base station signal; and

a divider configured to divide the combined signals for each of the plurality of

mobile stations under control of the diagnostic test circuit.

20.   (Original) The apparatus of claim 19, wherein the diagnostic test circuit is further

configured to independently test the performance of each mobile station by controlling signal

paths from the divider if a test result of the plurality of mobile stations in the idle mode test state

is "fail."

21.   (Original) An apparatus for testing a performance of mobile stations having a

global positioning system (GPS) function, comprising:

a divider having a prescribed number of paths, and configured to individually turn

on each of the paths one by one if a fail for an idle mode test result of any mobile station occurs

during an idle mode test of a plurality of mobile stations; and

a diagnostic monitoring circuit configured to monitor and process the idle mode

test results, and to intercept a registration of each of the mobile stations with a base station by

changing parameters loaded with reference to non-volatile items at each mobile station, the

parameters being required for the respective registrations during booting of each mobile station.

22.   (Original) The apparatus of claim 21, wherein the diagnostic monitoring circuit

controls each of the mobile stations connected thereto to be booted in a state that a power of a

base station signal is in an off state.

23.   (Original) The apparatus of claim 22, wherein the diagnostic monitoring circuit

prevents the necessity of a mobile station reboot by each of the mobile stations in order for the

respective mobile station to register with the base station subsequent to the test.

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24.   (Original) The apparatus of claim 22, wherein the diagnostic monitoring circuit

changes mobile station parameters so that each connected mobile station searches one CDMA

channel, respectively.

25.   (Original) The apparatus of claim 24, wherein non-volatile memory items of each

mobile station are not changed.

26.   (Original) The apparatus of claim 22, wherein the diagnostic monitoring circuit

performs the performance test of each connected mobile station in a state that the power of the

base station signal is in an on state.